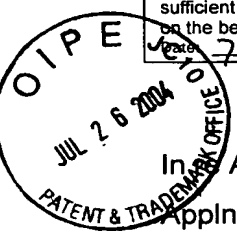


1fw



**CERTIFICATE OF MAILING UNDER 37 C.F.R. §1.8**

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail, with sufficient postage, in an envelope addressed to: Commissioner for Patents, P. O. Box 1450, Alexandria, VA 22313-1450, on the below date: 7/21/04

Date: 7/21/04 Name: Gustavo Siller, Jr. Signature: [Signature]

**BRINKS  
HOFFER  
GILSON  
& LIONE**

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re: Appln. of: **Kazuo Aikawa et al.**  
 Appln. No.: **10/748,642**  
 Filed: **12/30/2003**  
 For: **ENCODER**  
 Attorney Docket No: **9281-4771**

Examiner: To be Assigned.

Commissioner for Patents  
 P. O. Box 1450  
 Alexandria, VA 22313-1450

**TRANSMITTAL**

Sir:

**Attached is/are:**

- ☒ Transmittal Letter, Supplemental Information Disclosure Statement, PTO-1449 and cited reference
- ☒ Return Receipt Postcard

**Fee calculation:**

- ☒ No additional fee is required.
- ☐ An extension fee in an amount of \$\_\_\_ for a \_\_\_-month extension of time under 37 C.F.R. § 1.136(a).
- ☐ A petition or processing fee in an amount of \$\_\_\_ under 37 C.F.R. § 1.17(\_\_\_\_).
- ☐ An additional filing fee has been calculated as shown below:

					Small Entity			Not a Small Entity	
	Claims Remaining After Amendment		Highest No. Previously Paid For	Present Extra	Rate	Add'l Fee	or	Rate	Add'l Fee
Total		Minus			x \$9=			x \$18=	
Indep.		Minus			x 43=			x \$86=	
First Presentation of Multiple Dep. Claim					+\$145=			+\$290=	
					Total	\$		Total	\$

**Fee payment:**

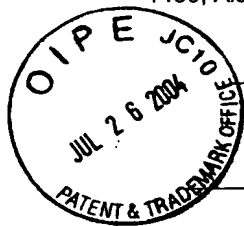
- ☐ A check in the amount of \$\_\_\_ to cover the above-identified fee(s) is enclosed.
- ☐ Please charge Deposit Account No. 23-1925 in the amount of \$ . A copy of this Transmittal is enclosed for this purpose.
- ☐ Payment by credit card in the amount of \$\_\_\_ (Form PTO-2038 is attached).
- ☒ The Director is hereby authorized to charge payment of any additional filing fees required under 37 CFR § 1.16 and any patent application processing fees under 37 CFR § 1.17 associated with this paper (including any extension fee required to ensure that this paper is timely filed), or to credit any overpayment, to Deposit Account No. 23-1925.

Respectfully submitted,

Date 7/21/04

[Signature]  
 Gustavo Siller, Jr. (Reg. No. 32,305)  
 Customer No. 00757

I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313 on 7/21/04  
Date of Deposit



Gustavo Siller, Jr., Reg. No., 32,305

Name of Applicant, Assignee or  
Registered Representative

[Signature]  
Signature

Our File No. 9281-4771  
Client Reference No. F US03137

### IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:

Kazuo Aikawa et al.

Serial No. 10/748,642

Filing Date: December 30, 2003

For ENCODER

)  
) Examiner: To be Assigned.  
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### INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313

Dear Sir:

Pursuant to the obligation under 37 C.F.R. 1.56 and in conformance with 37 C.F.R. 1.97-1.99, Applicants hereby submit reference A1 listed on the attached form PTO-1449 for consideration by the Examiner. A copy of the reference is enclosed herewith.

Japanese Patent No. 2506877 discloses that an operation axis rotates with a click feeling and in that output from two phases is obtained.

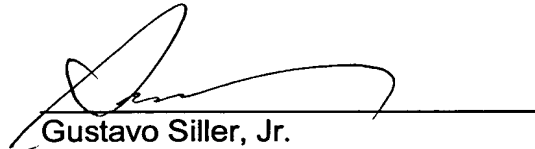
The filing of this Information Disclosure Statement does not constitute an admission that the information cited herein is, or is considered to be, material to patentability as defined in 37 C.F.R. Section 1.56(b). Further, Applicants reserve the right to contest this reference as prior art against the present application, and Applicants

do not believe that the disclosure of this reference, even if finally determined to be prior art, anticipates Applicants' invention or that this reference makes Applicants' invention obvious.

No fees are believed to be due in connection with filing of this Information Disclosure Statement, however, should any fees under 37 C.F.R. §§ 1.16 to 1.21 be deemed necessary for any reason relating to this material, the Commissioner is hereby authorized to deduct said fees from Brinks Hofer Gilson & Lione Deposit Account No. 23-1925.

Applicants respectfully request that the Examiner review the entire disclosure of this document and make it of record.

Respectfully submitted,



Gustavo Siller, Jr.  
Registration No. 32,305  
Attorney for Applicants

BRINKS HOFER GILSON & LIONE  
P.O. BOX 10395  
CHICAGO, ILLINOIS 60610  
(312) 321-4200



FORM PTO-1449  <b>LIST OF PATENTS AND PUBLICATIONS FOR APPLICANT'S INFORMATION DISCLOSURE STATEMENT</b>  (use several sheets if necessary)	SERIAL NO. 10/748,642	CASE NO. 9281-4771
	FILING DATE 12/30/2003	GROUP ART UNIT
	APPLICANT(S): Kazuo Aikawa et al.	

REFERENCE DESIGNATION			U.S. PATENT DOCUMENTS			
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS/ SUBCLASS	FILING DATE

FOREIGN PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS/ SUBCLASS	TRANSLATION YES	NO
	A1	2506877	04/1996	Japan		X	

EXAMINER INITIAL	OTHER ART (Including Author, Title, Date, Pertinent Pages, etc.)	

EXAMINER	DATE CONSIDERED
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EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.